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METHOD AND APPARATUS FOR OPERATING AND CONTROLLING A POWER SYSTEM

Abstract

A method and apparatus for operating a power system is disclosed. A plurality of sensor signals each representative of an operating characteristic of a power system module are received at a common data bus. The sensor signals are received and analyzed at a controller for the presence of an abnormal operating condition, and in response thereto it is determined whether an operational adjustment of the power system module is desirable. In response to the existence of a desirable adjustment condition, the operation of the power system module is automatically adjusted. A sensor of the plurality of sensors is arranged for providing an operating characteristic that is derivable from one or more of the other sensors, which include a different type of sensor, thereby providing redundant system information for determining whether an operational adjustment of the power system module is desirable.